

Nonspirally corrugated tube for surgical transplants - produced by hot moulding thermoplastic or fabric tube to shape

Patent Assignee: MEADOX MEDICALS INC

Patent Family (3 patents, 3 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
DE 2616833	A	19770616	DE 2616833	A	19760415	197725	B
NL 197603516	A	19770610				197725	E
FR 2334488	A	19770812				197739	E

Priority Application Number (Number Kind Date): US 1975638580 A 19751208

Alerting Abstract: DE A

A round thermoplastic tube, partic. for use as a surgical transplant, is corrugated along its length, it is produced e.g. as follows: by heating to softening temp. applying a circular former under press, cooling, placing on a smooth cylindrical shaft, applying press, from >=1 end to shorten it, fastening it to the shaft, reheating and recooling to make the corrugation round and uniform.

The corrugations, which are necessary for stiffness and flexibility and for a good key to blood vessels, are not spiral so that the tube does not tend to rotate under tension, the tube is uniform and cheap to produce.

International Classification (Additional/Secondary): A61F-001/00, B29C-017/02, B29C-027/20, B29D-023/18, B29D-027/00, F16L-011/11

Original Publication Data by Authority

Germany

Publication Number: DE 2616833 A (Update 197725 B)

Publication Date: 19770616

Kreisfoermig gewellte Roehre, insbesondere Gefaesstransplantat, und Verfahren zum Formen derselben

Assignee: Meadox Medicals, Inc., Oakland, N.J., US (MEDX)

Agent: Weickmann, H., Dipl.-Ing.; Fincke, K., Dipl.-Phys. Dr.; Weickmann, F.A., Dipl.-Ing.; Huber, B., Dipl.-Chem., Patentanwaelte, 8000 Muenchen

Language: DE

Application: DE 2616833 A 19760415 (Local application)

Priority: US 1975638580 A 19751208

Original IPC: A61F-1/00 B29C-17/02 B29C-27/20 B29D-23/18 B29D-27/00 F16L-11/11

Current IPC: A61F-1/00 B29C-17/02 B29C-27/20 B29D-23/18 B29D-27/00 F16L-11/11

Claim: * 1. Kreisfoermig gewellte Roehre aus synthetischen thermoplastischem Material, insbesondere synthetisches Gefaesstransplantat.

France

Publication Number: FR 2334488 A (Update 197739 E)

Publication Date: 19770812

Language: FR

Netherlands

Publication Number: NL 197603516 A (Update 197725 E)

Publication Date: 19770610

Language: NL

Derwent World Patents Index

© 2008 Derwent Information Ltd. All rights reserved.

Dialog® File Number 351 Accession Number 1305286